

ABSTRACT

A plastic substrate according to the present invention is used in optical instruments. The plastic substrate includes a composite substrate 10 in which fibers 11 are 5 embedded in a resin matrix 12. The fibers are arranged in at least one predetermined direction within a plane of the composite substrate. The composite substrate substantially transmits visible radiation and has a predefined retardation that is associated with the predetermined direction in which 10 the fibers are arranged.